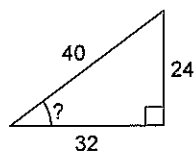


Station #1

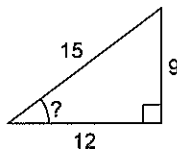
Date \_\_\_\_\_ Period \_\_\_\_\_

Find the measure of the indicated angle to the nearest degree.

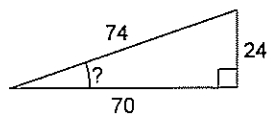
1)



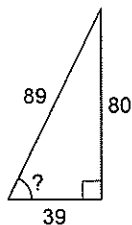
2)



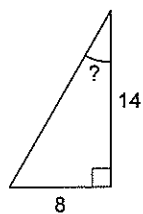
3)



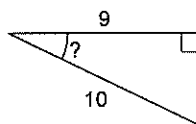
4)



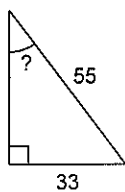
5)



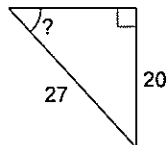
6)



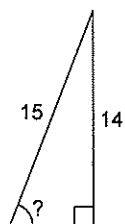
7)



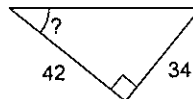
8)



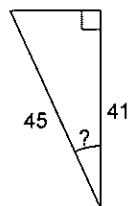
9)



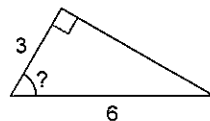
10)



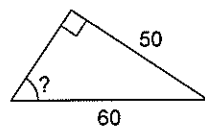
11)



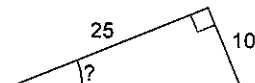
12)



13)



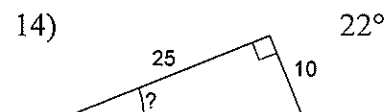
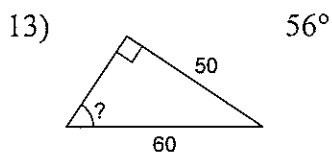
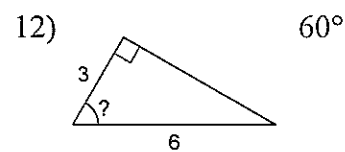
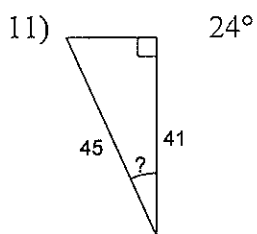
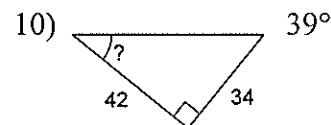
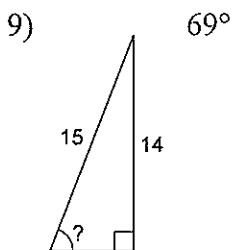
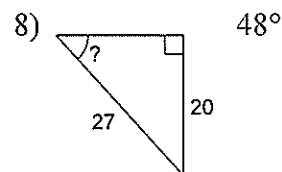
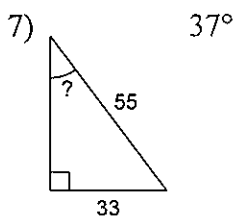
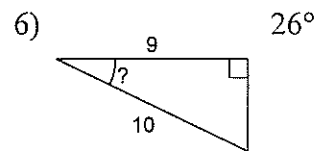
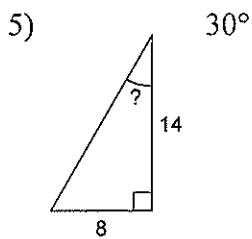
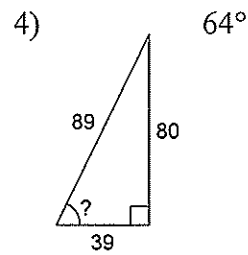
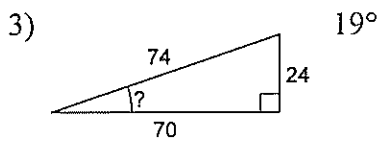
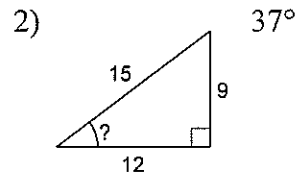
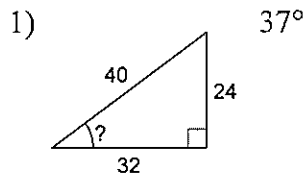
14)



Station #1

Date \_\_\_\_\_ Period \_\_\_\_\_

Find the measure of the indicated angle to the nearest degree.

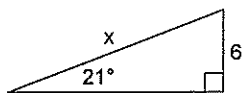


## Station #2

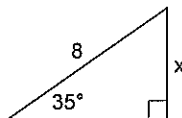
Date \_\_\_\_\_ Period \_\_\_\_\_

**Find the missing side. Round to the nearest tenth.**

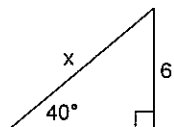
1)



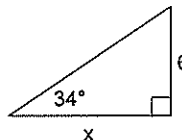
2)



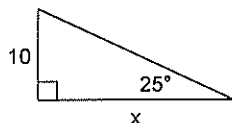
3)



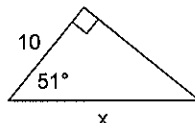
4)



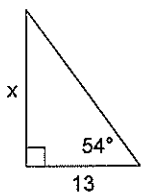
5)



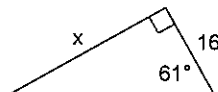
6)



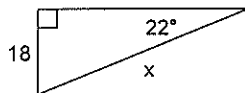
7)



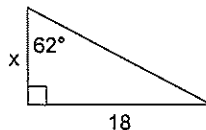
8)



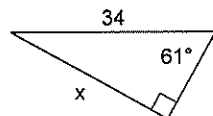
9)



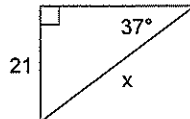
10)



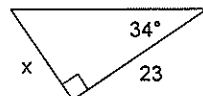
11)



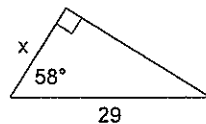
12)



13)



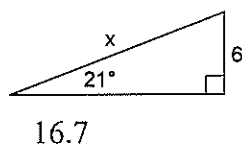
14)



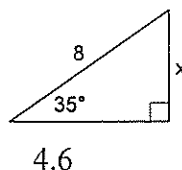
## Station #2

Find the missing side. Round to the nearest tenth.

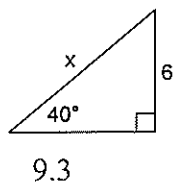
1)



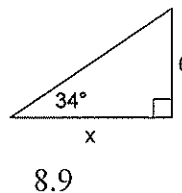
2)



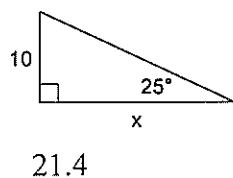
3)



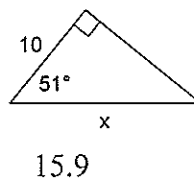
4)



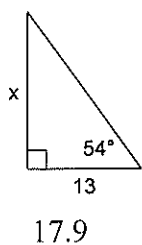
5)



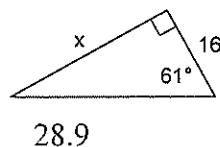
6)



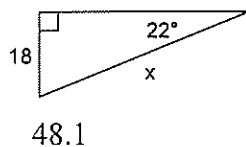
7)



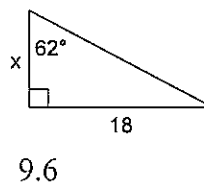
8)



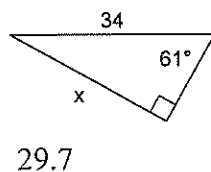
9)



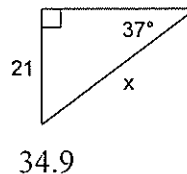
10)



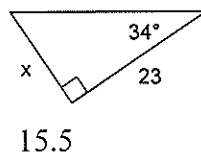
11)



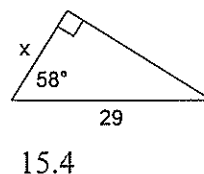
12)



13)



14)

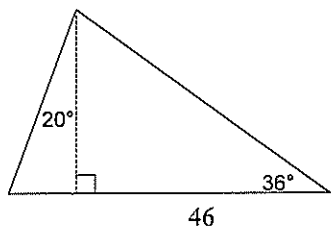


Station #3 and 4

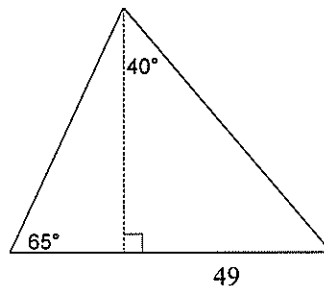
Date \_\_\_\_\_ Period \_\_\_\_\_

**Find the area of each triangle. Round intermediate values to the nearest tenth. Use the rounded values to calculate the next value. Round your final answer to the nearest tenth.**

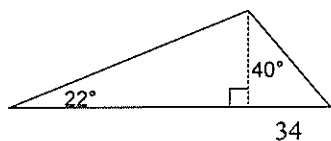
1)



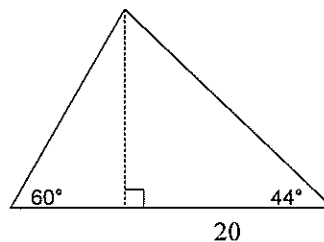
2)



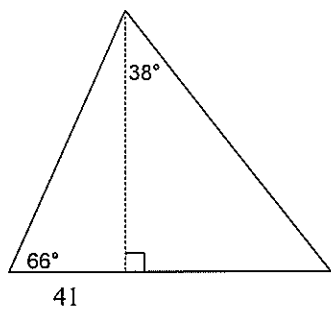
3)



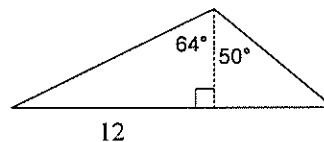
4)



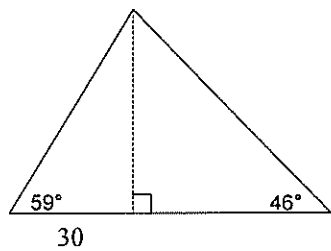
5)



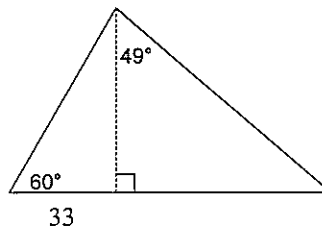
6)



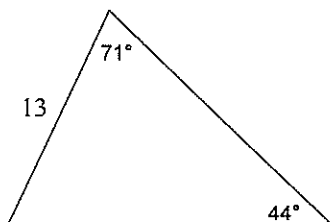
7)



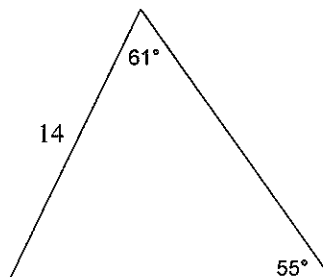
8)



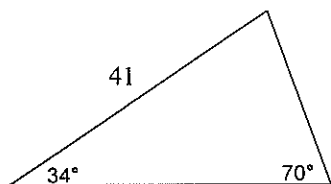
9)



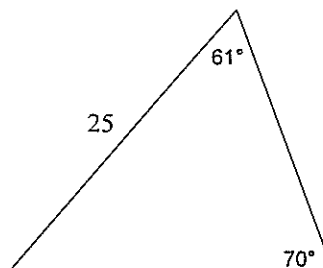
10)



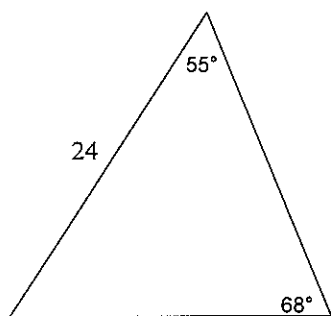
11)



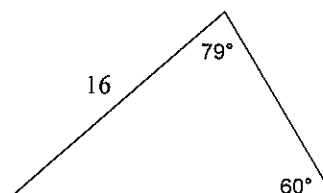
12)



13)



14)

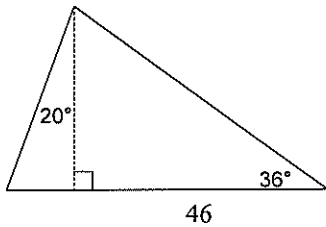


Station #3 and 4

Date \_\_\_\_\_ Period \_\_\_\_\_

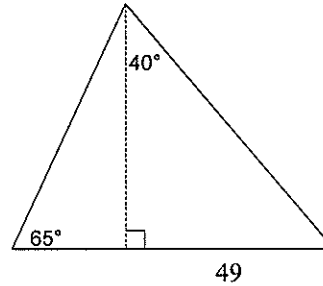
**Find the area of each triangle. Round intermediate values to the nearest tenth. Use the rounded values to calculate the next value. Round your final answer to the nearest tenth.**

1)



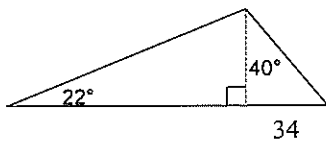
971.9

2)



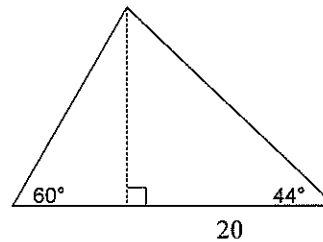
2225

3)



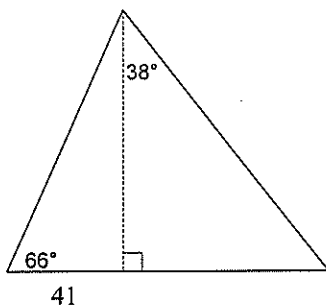
2717.5

4)



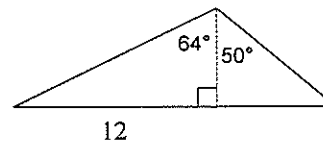
300.1

5)



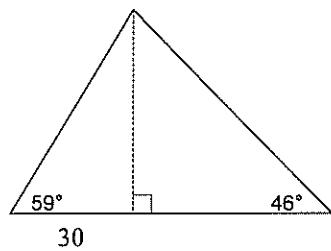
5203.7

6)



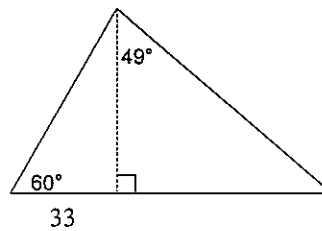
56.1

7)



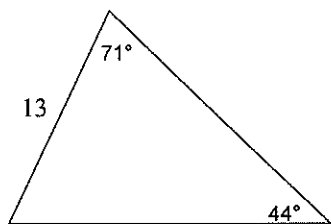
1951.1

8)



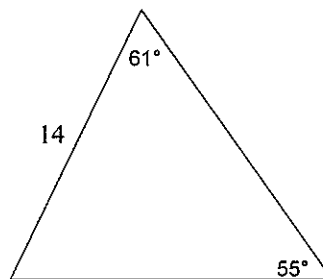
2825.7

9)



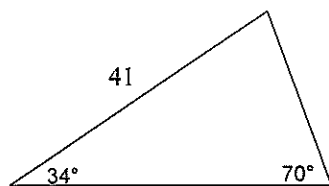
104.4

10)



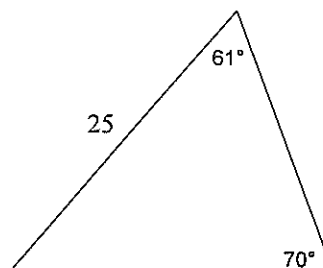
93.9

11)



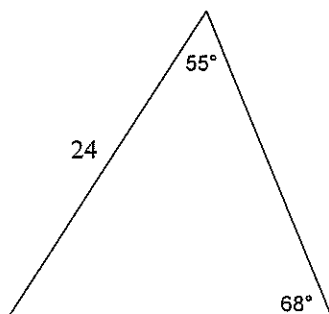
484.3

12)



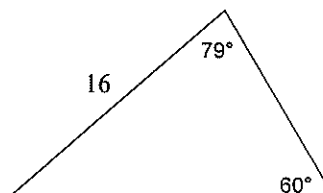
220.2

13)



213.1

14)



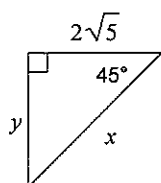
95.6



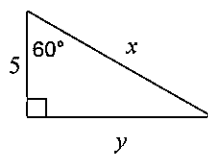
## Station #5

Find the missing side lengths. Leave your answers as radicals in simplest form.

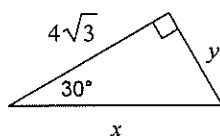
1)



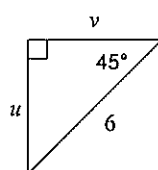
2)



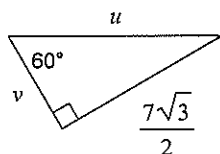
3)



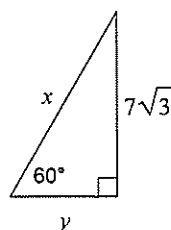
4)



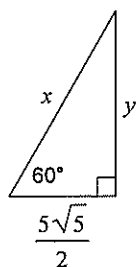
5)



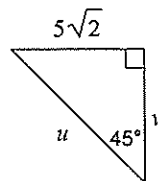
6)



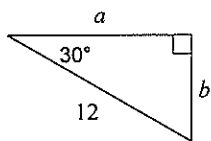
7)



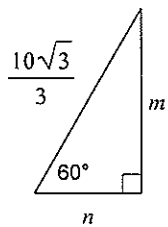
8)



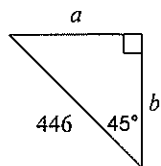
9)



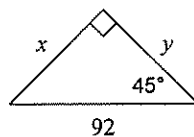
10)



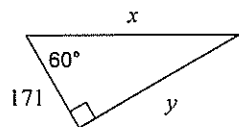
11)



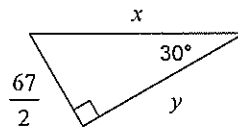
12)



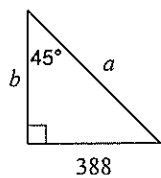
13)



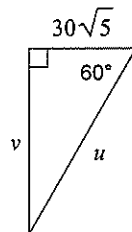
14)



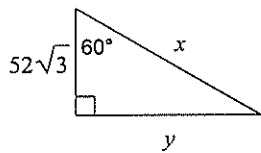
15)



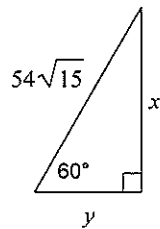
16)



17)



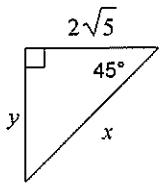
18)



## Station #5

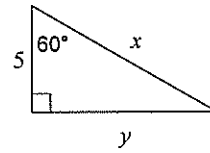
**Find the missing side lengths. Leave your answers as radicals in simplest form.**

1)



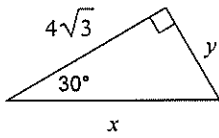
$$x = 2\sqrt{10}, y = 2\sqrt{5}$$

2)



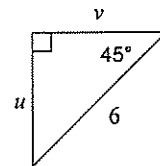
$$x = 10, y = 5\sqrt{3}$$

3)



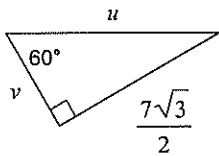
$$x = 8, y = 4$$

4)



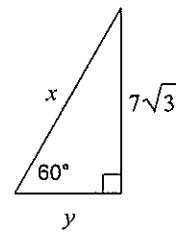
$$u = 3\sqrt{2}, v = 3\sqrt{2}$$

5)



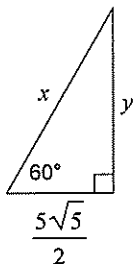
$$u = 7, v = \frac{7}{2}$$

6)



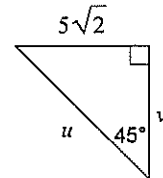
$$x = 14, y = 7$$

7)



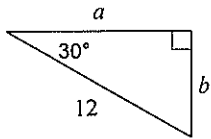
$$x = 5\sqrt{5}, y = \frac{5\sqrt{15}}{2}$$

8)



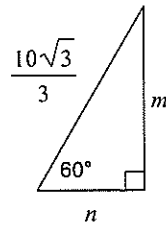
$$u = 10, v = 5\sqrt{2}$$

9)



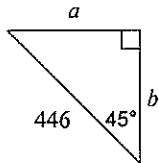
$$a = 6\sqrt{3}, b = 6$$

10)



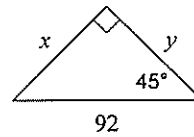
$$m = 5, n = \frac{5\sqrt{3}}{3}$$

11)



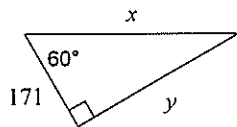
$$a = 223\sqrt{2}, b = 223\sqrt{2}$$

12)



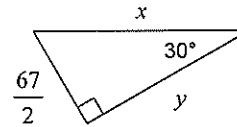
$$x = 46\sqrt{2}, y = 46\sqrt{2}$$

13)



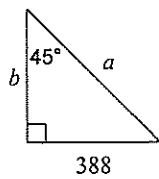
$$x = 342, y = 171\sqrt{3}$$

14)



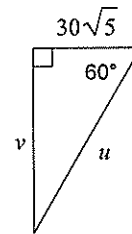
$$x = 67, y = \frac{67\sqrt{3}}{2}$$

15)



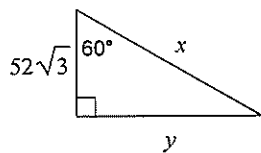
$$a = 388\sqrt{2}, b = 388$$

16)



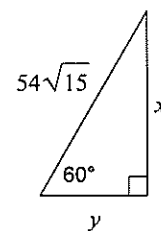
$$u = 60\sqrt{5}, v = 30\sqrt{15}$$

17)



$$x = 104\sqrt{3}, y = 156$$

18)



$$x = 81\sqrt{5}, y = 27\sqrt{15}$$